

Aroclor Sample Data Summary Package Cover Sheet

Client: FOSTER WHEELER
Project: ROXANNA MARSH
SDG: 920866A

Case Narrative

Client FOSTER WHEELER
Project Name ROXANNA MARSH
Project Number 1980.0208.0100
SDG 920866A
Fraction PEST/PCB

Lab Number	Sample ID	Collect Date	Rec Date	Matrix
920839-024	FW-RM-01-CS-1-2	3/19/2002	3/21/2002	SOIL
920839-025	FW-RM-01-CS-2-3.9	3/19/2002	3/21/2002	SOIL
920866-001	FW-RM-11-SS	3/20/2002	3/22/2002	SOIL
920866-002	FW-RM-03-CS-2.3-4.8	3/19/2002	3/22/2002	SOIL
920866-003	FW-RM-03-CS-2.3-4.8MS	3/19/2002	3/22/2002	SOIL
920866-004	FW-RM-03-CS-2.3-4.8MSD	3/20/2002	3/22/2002	SOIL
920866-005	FW-RM-03-CS-0.8-2.3	3/20/2002	3/22/2002	SOIL
920866-006	FW-RM-20-SS	3/20/2002	3/22/2002	SOIL
920866-007	FW-RM-14-SS	3/20/2002	3/22/2002	SOIL
920866-008	FW-RM-21-SS	3/20/2002	3/22/2002	SOIL
920866-009	FW-RM-19-SS	3/20/2002	3/22/2002	SOIL
920866-010	FW-RM-18-SS	3/20/2002	3/22/2002	SOIL
920866-011	FW-RM-13-SS	3/20/2002	3/22/2002	SOIL
920866-012	FW-RM-RB-02	3/20/2002	3/22/2002	WATER
920866-015	FW-RM-07-CS-2.6-5.4	3/19/2002	3/22/2002	SOIL
920866-016	FW-RM-07-CS-0.5-2.6	3/19/2002	3/22/2002	SOIL
920866-017	FW-RM-20-CS-0.8-2.4	3/20/2002	3/22/2002	SOIL
920866-019	FW-RM-21-CS-3.6-5.6	3/21/2002	3/22/2002	SOIL
920866-020	FW-RM-01-CS-3.6-5.6	3/21/2002	3/22/2002	SOIL
20866-021	FW-RM-21-CS-7.0-9.0	3/21/2002	3/22/2002	SOIL
20866-022	FW-RM-01-CS-7.0-9.0	3/21/2002	3/22/2002	SOIL
20866-064	MB1920866			SOIL
20866-065	MB1920866LCS			SOIL
20866-067	MB2920866			WATER
20866-068	MB2920866LCS			WATER
20866-069	MB2920866LCSD			WATER

EN CHEM, INC
CASE NARRATIVE - PCB ANALYSIS

Lab Report Number (SDG): 920866A

Client: Foster Wheeler

Project Name: Roxanna Marsh

Project Number: 1980.0208.0100

1. RECEIPT

The samples were received on ice.

2. HOLDING TIMES

- A. **Sample Preparation:** All extraction-holding times were met.
- B. **Sample Analysis:** All method-holding times were met.

3. METHOD

Preparation: SW-846 3550B, 3510C

Analysis: SW-846 8082

4. PREPARATION

Sample preparation proceeded normally. The soil samples were taken through acid and mercury clean up procedures prior to analysis.

5. ANALYSIS

A. **Calibration:**

- 1. **Initial verification:** All method acceptance criteria were met for both the 04/01/02 and 04/10/02 initial calibrations. In cases where an individual Aroclor peak exceeds the 20% criteria for the Relative Standard Deviation (%RSD), the average %RSD is less than 20%

- G. **Continuing verification:** All method acceptance criteria were met for the continuing calibrations analyzed with the 04/01/02 calibration. In cases where an individual Aroclor peak has a percent difference (%D) greater than 15%, no corrective action was necessary because the average %D is less than 15%.

Continuing calibration standards associated to the 04/10/02 calibration which have individual Aroclor peaks with a percent difference (%D) greater than 15%, met the average %D criteria. Continuing calibration standards analyzed 04/11/02 at 20:38, 04/10/02 at 01:04 and 04/12/02 at 17:18 did not meet the average %D criteria, however the data was accepted as the samples were analyzed three times with similar results.

B. **Blanks:**

- 1. **Method:** All in-house acceptance criteria were met for both method blanks.

C. **Surrogates:** All in-house acceptance criteria were met. DCB shifted slightly outside the retention time window for sample FW-RM-20-SS, no corrective action was taken since the surrogate is a known spiked analyte. Due to the dilution levels at which samples FW-RM-19-SS and FW-RM-18-SS were analyzed, the recovery criteria is not applicable.

D. **Spikes:**

- 1. **Lab Control Spike (LCS):** All in-house accuracy criteria were met for the soil control spike (MB1920866). All in-house accuracy and precision criteria was met for the water control spikes (MB2920866LCS/MB2920866LCSD).
- 2. **Matrix Spike / Duplicate (MS/MSD):** Sample FW-RM-03-CS-2.3-4.8, fortified with Aroclor 1260, was designated as the matrix spike sample for this SDG. All in-house accuracy and precision criteria were met.

E. **Samples:** All sample analyses proceeded normally.

F. **Dilutions:**

<u>Sample ID</u>	<u>Reason</u>
FW-RM-19-SS	Matrix interference and level of Aroclor 1254
FW-RM-18-SS	Matrix interference

G. **Reanalysis:** None required for this SDG.

H. **Comments:** None.

I certify that this data package is in compliance with the terms and conditions agreed to by En Chem, Inc. and by the client, both technically and for completeness, except for the conditions detailed above. The Laboratory Manager or his designee, as verified by the following signature, has authorized release of the data contained in this hard copy data package and in the computer-readable data submitted on diskette:

Signed: Lynn M Dieffenbach Date: 4-30-02
Name: Lynn M Dieffenbach Position: Project Manager

Organic Data Qualifiers

- B Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
- C Elevated detection limit (see Sample Narrative).
- D Analyte value from diluted analysis.
- E Analyte concentration exceeds calibration range (see Sample Narrative).
- F Surrogate results outside control criteria or not available due to sample dilution.
- H(n) Extraction or analysis performed "n" days past holding time.
- J Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.
- K Detection limit may be elevated due to the presence of an unrequested analyte (see Sample Narrative).
- N Spiked sample recovery not within control limits.
- P The relative percent difference between the two columns for detected concentrations was greater than 40%.
- Q The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
- S The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
- U The analyte was not detected above the reporting limit.
- W Sample received with headspace.
- X See Sample Narrative.
- & Laboratory Control Spike recovery not within control limits.
- * Duplicate analyses not within control limits.
- SUB1 Assay was subcontracted to an approved lab.
- SUB2 Assay was subcontracted to En Chem Green Bay WI Cert. #405132750.

Company Name: Foster Wheeler
 Branch or Location: Denver
 Project Contact: Pam Mess
 Telephone: 303-980-3819



Project Number: 1980-0208.0101
 Project Name: Roxana Marsh
 Project State: Indiana
 Sampled By (Print): Tim Hulke

1241 Bellevue St., Suite B
 Green Bay, WI 54302
 920-469-2436
 FAX 920-469-8827

Project Number: 1980-0208.0101
 Project Name: Roxana Marsh
 Project State: Indiana
 Sampled By (Print): Tim Hulke

CHAIN OF CUSTODY

A=None
 B=HCl
 C=H2SO4
 D=Sodium Bisulfate Solution
 E=EnCare
 F=Mellonol
 G=NaOH
 H=Other
 FILTERED? (YES/NO)
 PRESERVATION (CODE)

*Preservation Codes
 A=H2SO4
 C=EnCare
 E=Other
 F=Mellonol
 G=NaOH
 H=Other

Data Package Options
 (please circle if requested)
 Results Only

EnChem Level III (Subject to Surcharge)
 EnChem Level IV (Subject to Surcharge)

Laboratory ID (Lab Use Only)	Field ID	Collection	Regulatory Program	Date	Time	Matrix	Matrix	Comments
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Rush Turnaround Time Requested (TAT) - Prelim (Rush TAT subject to approval/surcharge)	Relinquished By: <i>Shawn</i>	Date/Time: 3-20-02 8:30	Received By: <i>FedEx</i>	Date/Time: 3-20-02 8:30
Date Needed:	Relinquished By: <i>FedEx</i>	Date/Time: 3/21/02 10:55	Released By: <i>FedEx</i>	Date/Time: 3/21/02 10:55
Transmit Prelim Rush Results by (circle):	Relinquished By: <i>FedEx</i>	Date/Time: 3/21/02 10:55	Received By: <i>FedEx</i>	Date/Time: 3/21/02 10:55
Phone #:	Relinquished By: <i>FedEx</i>	Date/Time: 3/21/02 10:55	Received By: <i>FedEx</i>	Date/Time: 3/21/02 10:55
Fax #:	Relinquished By: <i>FedEx</i>	Date/Time: 3/21/02 10:55	Received By: <i>FedEx</i>	Date/Time: 3/21/02 10:55
E-Mail Address:	Relinquished By: <i>FedEx</i>	Date/Time: 3/21/02 10:55	Received By: <i>FedEx</i>	Date/Time: 3/21/02 10:55

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Fax #:	Relinquished By: <i>FedEx</i>	Date/Time: 3/21/02 10:55	Received By: <i>FedEx</i>	Date/Time: 3/21/02 10:55
E-Mail Address:	Relinquished By: <i>FedEx</i>	Date/Time: 3/21/02 10:55	Received By: <i>FedEx</i>	Date/Time: 3/21/02 10:55

Samples on HOLD are subject to
special pricing and release of liability

Page <u>1</u> of <u>1</u>	P.O. # <u>920839</u>	Quote # <u>920839</u>
Mail Report To: <u>Furnic</u>	Company: <u>Furnic</u>	Address: <u>Denver</u>
Invoice To: <u>Gary Brown</u>	Company: <u>Furnic</u>	Address: <u>Florida</u>
BOTTLES SENT		
ANALYSES REQUESTED		
TOTAL # ANALYSES REQUESTED <u>105</u>		
TOTAL # ANALYSES RECEIVED <u>105</u>		
TOTAL # ANALYSES PENDING <u>0</u>		
TOTAL # ANALYSES REJECTED <u>0</u>		
TOTAL # ANALYSES OVERDUE <u>0</u>		
CLIENT COMMENTS		
LAB COMMENTS (Lab Use Only)		

Batch No.

920839

En Chem, Inc. Cooler Receipt Log

Project Name or ID

Roxbury Marsh

No. of Coolers:

3

Temps:

3, 2, 3°C

A. Receipt Phase: Date cooler was opened:

3/21/02

By:

RJC

- 1: Were samples received on ice? (Must be ≤ 6 C)..... YES NO²
- 2: Was there a Temperature Blank?..... YES NO
- 3: Were custody seals present and intact? (Record on COC)..... YES NO
- 4: Are COC documents present?..... YES NO²
- 5: Does this Project require quick turn around analysis?..... YES NO
- 6: Is there any sub-work?..... YES NO
- 7: Are there any short hold time tests?..... YES NO
- 8: Are any samples nearing expiration of hold-time? (Within 2 days). YES¹ NO
- 9: Do any samples need to be Filtered or Preserved in the lab? YES¹ NO

Contacted by/Who _____

Contacted by/Who _____

B. Check-in Phase: Date samples were Checked-in:

3/21/02

By:

RJC

- 1: Were all sample containers listed on the COC received and intact?..... YES NO² NA
- 2: Sign the COC as received by En Chem. Completed..... YES NO
- 3: Do sample labels match the COC? YES NO²
- 4: Check sample pH of preserved samples. (Not VOCs) Completed..... YES NO NA
- 5: Do samples have correct chemical preservation?..... YES NO² NA
- 6: Are dissolved parameters field filtered?..... YES NO² NA
- 7: Are sample volumes adequate for tests requested? YES NO²
- 8: Are VOC samples free of bubbles >6mm YES NO² NA
- 9: Enter samples into logbook. Completed..... YES NO
- 10: Place laboratory sample number on all containers and COC. Completed..... YES NO
- 11: Complete Laboratory Tracking Sheet (LTS). Completed..... YES NO NA
- 12: Start Nonconformance form. YES NO NA
- 13: Initiate Subcontracting procedure. Completed..... YES NO NA
- 14: Check laboratory sample number on all containers and COC. YES NO NA

Short Hold-time tests:

48 Hours or less	7 days	Footnotes
Coliform (6 hrs)	Flashpoint	1 Notify proper lab group immediately.
Hexavalent Chromium (24 Hrs)	TSS	2 Complete nonconformance memo.
BOD	Total Solids	
Nitrite or Nitrate	TDS	
Low Level Mercury	Sulfide	
Ortho Phosphorus	Free Liquids	
Turbidity	Total Volatile Solids	
Surfactants	Aqueous Extractable Organics- ALL	
Sulfite	Unpreserved VOC's	
En Core Preservation	Ash	
Color		

(Please Print Legibly)

Company Name: Fosker Wheeler
Branch or Location: Denver
Project Contact: Paul Mess
Telephone: 303-980-3519

EN CHEM INC.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2438
FAX: 920-469-4827

626 Science Drive
Madison, WI 53711
608-232-3300
FAX: 608-233-0502

Project Number: 1980-cc-3-c/00

78324

CHAIN OF CUSTODY

Project Name: Exams. Marsh
Project State: Indiana
Sampled By (Print): Sub Felt pens cl.

Data Package Options
(please circle if requested)
Results Only
EnChem Level III (Subject to Surchage)
EnChem Level IV (Subject to Surchage)

A=None B=HCl C=H2SO4 D=HNO3 E=EcTox F=Methanol G=NaOH
H = Sodium Bisulfate Solution I = Other

PRESERVATION (CODE)*

Company: Fish, whea

Address:

Lake wood, CO

Quote #

P.O. #

Mail Report To: Sam Ross

Company: Fish, whea

Address:

Lake wood, CO

Invoice To: Gary Brown

Company: FWERC

Address:

Guthell, WI

Mail Invoice To:

Client Comments

Lab Comments
(Lab Use Only)

Archive

Relinquished By:

Received By:

Date/Time:

En Chem Project No.:

920866

Sample Receipt Temp.

32 33 143 RST

Relinquished By:

Received By:

Date/Time:

Sample Receipt pH (W/Media)

OK

Cooler/Custody Seal

Present

Relinquished By:

Received By:

Date/Time:

Sample

Not Present

Intact

Not Intact

Rush Turnaround Time Requested (TAT) - Prelim

(Rush TAT subject to approval/surcharge)

Date Needed:

Received By:

Date/Time:

Received By:

Date/Time:

Transmit Prelim Rush Results by (Circle):

Phone Fax E-Mail

Phone #:

Fax #:

E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

(Please Print Legibly)

Company Name: Foster Wheeler

Branch or Location: Dulles

Project Contact: Pam Glass

Telephone: 303-981-3519

EN CHEM
INC.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
FAX: 920-469-8927

625 Science Drive
Madison, WI 53711
608-532-3300
FAX: 608-233-0502

CHAIN OF CUSTODY

78325

Project Number: 19811-0208-W/00
 Project Name: Texan A Migrn
 Project State: Texas
 Sampled By (Print): Bob Feldpusch

Data Package Options

(please circle if requested)

Results Only

EnChem Level III (Subject to Surcharge)
EnChem Level IV (Subject to Surcharge)

LABORATORY ID (Lab Use Only)	FIELD ID	REGULATORY FORMS	COLLECTION DATE	MATRIX TIME	MATRIX																							
920866-09	Fw-E11-31-C5-3656	5-21	1400	S	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	
020	Fw-R11-01-C5-3656	5-21	1400	S	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	
021	Fw-E11-24-C5-7.0-9.0	5-21	1402	S	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	
022	Fw-C11-01-C5-7.0-9.0	5-21	1402	S	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	Y	1	2	1	

Rush Turnaround Time Requested (TAT) - Prelim (Rush TAT subject to approval/surcharge)	Relinquished By:	Date/Time:	Received By:	Date/Time:	En Chem Project No.
Date Needed:					<u>920866</u>
Transmit Prelim Rush Results by (circle):					
Phone Fax E-Mail					
Phone #: _____					
Fax #: _____					
E-Mail Address: _____					
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Date/Time:	Received By:	Date/Time:	Present / Not Present
					Initials Not Intact

(Please Print Legibly)

Company Name: *Fischer Litterle*
 Branch or Location: *Detroit, MI*
 Project Contact: *Paul Glass*
 Telephone: *313-951-3519*

EN CHEM INC.

□ 1241 Bellevue St., Suite 9
 Green Bay, WI 54302
 920-469-2436
 FAX 920-469-9827

626 Science Drive
 Madison, WI 53711
 608-232-3300
 FAX: 608-233-0502

CHAIN OF CUSTODY

78326

Project Number: *1960-0735-C100*

A=None B=HCl C=H2SO4
 H = Sodium Bisulfate Solution I=Other
 FILTERED? (YES/NO) *No*

PRESERVATION (CODE)
 A A A

A=Non

B=HCl

C=H2SO4

I=Other

H = Sodium Bisulfate Solution

E=Encore

F=Methanol

G=NaOH

Quote # *9121*
 Mail Report To: *Fischer Litterle*
 Company: *Fischer Litterle*
 Address: *Lake Orion, MI*

SENT *7/17/02*
 BOTTLED *7/17/02*
 TOTAL * *7/17/02*
 ANALYSES REDUCED *7/17/02*
 ANALYSES *7/17/02*

LAB COMMENTS

(Lab Use Only)

CLIENT COMMENTS

Lab. QC

Rush Turnaround Time Requested (TAT) - Prelim

(Push TAT subject to approval/surcharge)

Date Needed:

Transmit Prelim Rush Results by (circle):

Phone Fax E-Mail

Phone #: _____

Fax #: _____

E-Mail Address: _____

Samples on HOLD are subject to
special pricing and release of liability

DATA

LABORATORY ID (Lab Use Only)	FIELD ID	DATE	TIME	MATRIX	COLLECTION
920866-024	Fu - EM-1-2-1-2-1-2	3-12	15:00	S	1
-026	Fu - EM-1-2-1-2-1-2	3-12	15:00	S	2
027	Fu - EM-1-2-1-2-1-2	3-12	15:00	S	1
028	Fu - EM-1-2-1-2-1-2	3-12	14:39	S	1
029	Fu - EM-1-2-1-2-1-2	3-12	14:39	S	1
030	Fu - EM-1-2-1-2-1-2	3-12	17:50	S	1
031	Fu - EM-1-2-1-2-1-2	3-12	17:50	S	1
032	Fu - EM-1-2-1-2-1-2	3-12	17:50	S	1

Relinquished By: <i>FedEx</i>	Date/Time: <i>3-11-02 12:20</i>	Received By: <i>FedEx</i>	Date/Time: <i>3-11-02 12:20</i>	Date/Time: <i>3-11-02 12:20</i>	Date/Time: <i>3-11-02 12:20</i>	Date/Time: <i>3-11-02 12:20</i>
Relinquished By: <i>FedEx</i>	Date/Time: <i>3-22-02 10:30</i>	Received By: <i>FedEx</i>	Date/Time: <i>3-22-02 10:30</i>	Date/Time: <i>3-22-02 10:30</i>	Date/Time: <i>3-22-02 10:30</i>	Date/Time: <i>3-22-02 10:30</i>
Relinquished By:	Date/Time:	Received By:	Date/Time:	Date/Time:	Date/Time:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Quote # <i>9121</i>	Mail Invoice To: <i>Fischer Litterle</i>	Date/Time: <i>3-17-02 12:20</i>	En Chem Project No. <i>9120866</i>
Company: <i>Fischer Litterle</i>	Address: <i>Lake Orion, MI</i>	Sample Receipt Temp. <i>323343 RGT</i>	Sample Receipt Date/Time: <i>3-17-02 12:20</i>

Cooler Condition Sent
 Presently Not Present
 Intact / Not Intact

Date/Time:

3-17-02 12:20

(Please Print Legibly)
Company Name: Fuster analysis
Branch or Location: Dinner

Project Contact: Sam Moss
Telephone: 313 - 480 - 3519

EN CHEM INC.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
FAX 920-469-8827

CHAIN OF CUSTODY

Project Number: 930.028.012

Project Name: Ecotone Marsh

Project State: Toronto

Sampled By (Print): Bob Feldman, s.c.l.

A=None
B=ICL
C=H2SO4
D=HNO3
E=Other
H = Sodium Bisulfite Solution
I= Filtered? (YES/NO)
PRESERVATION (CODE)*

*Preservation Codes
B=ICL
C=H2SO4
D=HNO3
E=Other
F=Methanol
G=NaOH

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	MATRIX TIME	MATRIX	CLIENT COMMENTS Lab Use Only)
92086-033	Fw-Rm-15-CS-9-6-7-0	3-20	05:33	5	1 2 1
034	Fw-Ln-15-CS-3-0-9-6	3-20	08:30	5	1 2 1
035	Fw-Cn-15-CS-1-2-3-16	3-20	08:30	5	1 2 1
036	Fw-Ln-12-CS-5-3-8-15	3-20	08:30	5	1 2 1
037	Fw-Ln-12-CS-2-3-3-13	3-20	08:30	5	1 2 1
038	Fw-Rm-12-CS-11-1-9	3-20	08:40	5	1 2 1
039	Fw-Ln-12-CS-4-8-6-4	3-20	08:40	5	1 2 1
040	Fw-12-17-04-CS-3-7-4-3	3-20	08:40	5	1 2 1
041	Fw-Rm-14-15-05-3-7	3-20	08:40	5	1 2 1
042	Fw-Ln-11-35-CS-3-3-5-1	3-20	08:40	5	1 2 1
043	Fw-Gm-25-CS-0-17-3-3	3-20	08:40	5	1 2 1
044	Fw-Rm-12-CS-5-9-8-4	3-20	08:40	5	1 2 1

Rush Turnaround Time Requested (TAT) - Prelim (Push TAT subject to approval/surcharge)	Relinquished By:	Date/Time:	Received By:	Date/Time:	En Chem Project No.
Date Needed:		3-11-01 12:36	FedEx		920866
Transmit Prelim Rush Results by (circle):					
Phone	Fax	E-Mail			
Phone #:	Fax #:	E-Mail Address:			
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Date/Time:	Received By:	Date/Time:	Present / Not Present
	Relinquished By:	Date/Time:	Received By:	Date/Time:	Infect / Not Infect

626 Science Drive
Madison, WI 53711
800-332-3300
FAX: 608-233-0502

78314

Page 1 of 2

P.O. #

Quote #

Mail Report To: EnChem

Company: EnChem

Address: 1 Battell Ln., W.A.

Lake Zurich, IL

Invoice To: Gerry Brink

Company: EnChem

Address: 1 Battell Ln., W.A.

BOTTLES SENT

MAIL INVOICE TO:

Address: 1 Battell Ln., W.A.

TOTAL #

ANALYSES REQUESTED

ANALYSES PERFORMED

ANALYSES PENDING

ANALYSES CANCELLED

ANALYSES REJECTED

ANALYSES CANCELLED

(Please Print Legibly)
Company Name: Festus Chemical
Branch or Location: Deer Park
Project Contact: Patti Mass
Telephone: 303-980-3351

EN CHEM INC.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
FAX 920-469-8827

525 Science Drive
Madison, WI 53711
608-232-3300
FAX: 608-233-0802

CHAIN OF CUSTODY

Project Number: 1950.0208.0102

Project Name: Exams Patti

Project State: Indiana

Sampled By (Print): Bob French

A=None B=HCl C=H2SO4 D=HN3 E=EnCore
H = Sodium Bisulfate Solution I=Oligo F=Methanol G=Nath

FILTERED? (YES/NO)

PRESERVATION (CODE)*

*Preservation Codes
A=None
B=HCl
C=H2SO4
D=HN3
E=EnCore
F=Methanol
G=Nath
H = Sodium Bisulfate Solution
I=Oligo

78318

Data Package Options (please circle if requested)		Regulatory Program		Matrix Codes		PRESERVATION CODES		Date/Time:		Received By:		En Chem Project No.			
Results Only		UST	ACRA	W=Water	S=Soil	D=HN3	E=EnCore	3-21-0102	17:05	Fed Ex		920866			
EnChem Level III (Subject to SurchARGE)		SDWA	NPDES	I=Oligo	C=Charcoal	G=Nath									
EnChem Level IV (Subject to SurchARGE)		CERCLA		B=Bioa	S=Sludge										
Laboratory ID (Lab Use Only)	FIELD ID	COLLECTION DATE	MATRIX TIME	COLLECTION TIME		MATRIX TIME		LAB COMMENTS (Lab Use Only)		CLIENT COMMENTS		LAB COMMENTS (Lab Use Only)			
920866-047	Fw-Rm-19-CS-405-9	3-21-0102	0910	5	1	2	1	4	4	4	4				
048	Fw-Rm-19-CS-405-9	3-21	0950	5	1	2	1	4	4	4	4				
049	Fw-Rm-19-CS-405-9	3-21	0950	5	1	2	1	4	4	4	4				
050	Fw-Rm-18-CS-072-3	3-21	0820	5	1	2	1	4	4	4	4				
051	Fw-Rm-18-CS-234-3	3-21	0820	5	1	2	1	4	4	4	4				
052	Fw-Rm-18-CS-432-3	3-21	0910	5	1	2	1	4	4	4	4				
053	Fw-Rm-16-CS-072-3	3-21	1145	5	1	2	1	4	4	4	4				
054	Fw-Rm-16-CS-203-5	3-21	1145	5	1	2	1	4	4	4	4				
055	Fw-Rm-16-CS-536-5	3-21	1145	5	1	2	1	4	4	4	4				
Rush Turnaround Time Requested (TAT) - Prelim												Relinquished By:			
Rush TAT subject to approval/surcharge												Relinquished By:	Received By:	Date/Time:	En Chem Project No.
Date Needed:												<u>Fed Ex</u>	<u>Fed Ex</u>	<u>3-21-02 17:05</u>	<u>920866</u>
Transmit Prelim Rush Results by (circle):												Relinquished By:	Received By:	Date/Time:	Sample Receipt Term.
Phone: _____ Fax: _____ E-Mail: _____												<u>Fed Ex</u>	<u>Fed Ex</u>	<u>3/21/02 1030</u>	<u>3/23/43 KOI</u>
Fax #: _____												Relinquished By:	Received By:	Date/Time:	Sample Receipt (P/I/M)
E-Mail Address: _____												Relinquished By:	Received By:	Date/Time:	Cooler Custody Seal
Samples on HOLD are subject to special pricing and release of liability												Relinquished By:	Received By:	Date/Time:	Present / Not Present
												Relinquished By:	Received By:	Date/Time:	Intact / Not Intact

Batch No. 920866 En Chem, Inc. Cooler Receipt Log

Project Name or ID Roxanna Marsh No. of Coolers: 7 Temps: 3, 2, 3, 3, 1, 4, 3 °C

A. Receipt Phase: Date cooler was opened: 3/22/02 By: RJC

- 1: Were samples received on ice? (Must be ≤ 6 °C) YES NO ²
- 2: Was there a Temperature Blank? YES NO
- 3: Were custody seals present and intact? (Record on COC) YES NO
- 4: Are COC documents present? YES NO ²
- 5: Does this Project require quick turn around analysis? YES NO
- 6: Is there any sub-work? YES NO
- 7: Are there any short hold time tests? YES NO
- 8: Are any samples nearing expiration of hold-time? (Within 2 days) YES ¹ NO ² Contacted by/Who _____
- 9: Do any samples need to be Filtered or Preserved in the lab? YES ¹ NO ² Contacted by/Who _____

B. Check-in Phase: Date samples were Checked-in: 3/22/02 By: RJC

- 1: Were all sample containers listed on the COC received and intact? YES NO ² broken lids - see NC NA RJC
- 2: Sign the COC as received by En Chem. Completed YES NO
- 3: Do sample labels match the COC? YES NO ²
- 4: Check sample pH of preserved samples. (Not VOCs) Completed YES NO NA
- 5: Do samples have correct chemical preservation? YES NO ² NA
- 6: Are dissolved parameters field filtered? YES NO ² NA
- 7: Are sample volumes adequate for tests requested? YES NO ² NA
- 8: Are VOC samples free of bubbles >6mm YES NO ² NA
- 9: Enter samples into logbook. Completed YES NO NA
- 10: Place laboratory sample number on all containers and COC. Completed YES NO
- 11: Complete Laboratory Tracking Sheet (LTS). Completed YES NO NA
- 12: Start Nonconformance form. YES NO NA
- 13: Initiate Subcontracting procedure. Completed YES NO NA
- 14: Check laboratory sample number on all containers and COC. YES NO NA

Short Hold-time tests:

48 Hours or less	7 days	Footnotes
Coliform (6 hrs)	Flashpoint	1 Notify proper lab group immediately.
Hexavalent Chromium (24 Hrs)	TSS	2 Complete nonconformance memo.
BOD	Total Solids	
Nitrite or Nitrate	TDS	
Low Level Mercury	Sulfide	
Ortho Phosphorus	Free Liquids	
Turbidity	Total Volatile Solids	
Surfactants	Aqueous Extractable Organics- ALL	
Sulfite	Unpreserved VOC's	
En Core Preservation	Ash	
Color		

- Analytical Report -

Project Name : ROXANNA MARSH
Project Number : 1980.0208.0100
Field ID : FW-RM-01-CS-1-2
Lab Sample Number : 920839-024
Lab Project Number : 920839

Submitter : FOSTER WHEELER
Report Date : 5/1/02
Collection Date : 3/19/02
Matrix Type : SOIL
WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 370	370	ug/kg		4/11/02	SW846 8082
Aroclor 1221	< 370	370	ug/kg		4/11/02	SW846 8082
Aroclor 1232	< 370	370	ug/kg		4/11/02	SW846 8082
Aroclor 1242	< 370	370	ug/kg		4/11/02	SW846 8082
Aroclor 1248	910	280	ug/kg		4/11/02	SW846 8082
Aroclor 1254	810	740	ug/kg		4/11/02	SW846 8082
Aroclor 1260	250	740	ug/kg	J	4/11/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-01-CS-2-3.9

Collection Date : 3/19/02

Lab Sample Number : 920839-025

Matrix Type : SOIL

Lab Project Number : 920839

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST

Prep Method: SW846 3550

Prep Date: 3/28/02

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 330	330	ug/kg		4/11/02	SW846 8082
Aroclor 1221	< 330	330	ug/kg		4/11/02	SW846 8082
Aroclor 1232	< 330	330	ug/kg		4/11/02	SW846 8082
Aroclor 1242	< 330	330	ug/kg		4/11/02	SW846 8082
Aroclor 1248	< 250	250	ug/kg		4/11/02	SW846 8082
Aroclor 1254	< 670	670	ug/kg		4/11/02	SW846 8082
Aroclor 1260	< 670	670	ug/kg		4/11/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-11-SS

Collection Date : 3/20/02

Lab Sample Number : 920866-001

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method:	SW846 3550	Prep Date:	3/28/02	
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 370	370	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 370	370	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 370	370	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 370	370	ug/kg		4/12/02	SW846 8082
Aroclor 1248	790	280	ug/kg	J	4/12/02	SW846 8082
Aroclor 1254	590	740	ug/kg	J	4/12/02	SW846 8082
Aroclor 1260	280	740	ug/kg	J	4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-03-CS-2.3-4.8

Collection Date : 3/19/02

Lab Sample Number : 920866-002

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST

Prep Method: SW846 3550

Prep Date: 3/28/02

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 100	100	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 100	100	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 100	100	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 100	100	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 78	78	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 210	210	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 210	210	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-03-CS-0.8-2.3

Collection Date : 3/20/02

Lab Sample Number : 920866-005

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 120	120	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 120	120	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 120	120	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 120	120	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 93	93	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 250	250	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 250	250	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH
Project Number : 1980.0208.0100
Field ID : FW-RM-20-SS
Lab Sample Number : 920866-006
Lab Project Number : 920866

Submitter : FOSTER WHEELER
Report Date : 5/1/02
Collection Date : 3/20/02
Matrix Type : SOIL
WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 220	220	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 220	220	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 220	220	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 220	220	ug/kg		4/12/02	SW846 8082
Aroclor 1248	210	160	ug/kg		4/12/02	SW846 8082
Aroclor 1254	270	440	ug/kg	J	4/12/02	SW846 8082
Aroclor 1260	120	440	ug/kg	J	4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-14-SS

Collection Date : 3/20/02

Lab Sample Number : 920866-007

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 330	330	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 330	330	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 330	330	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 330	330	ug/kg		4/12/02	SW846 8082
Aroclor 1248	1800	240	ug/kg		4/12/02	SW846 8082
Aroclor 1254	1700	650	ug/kg		4/12/02	SW846 8082
Aroclor 1260	950	650	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH
Project Number : 1980.0208.0100
Field ID : FW-RM-21-SS
Lab Sample Number : 920866-008
Lab Project Number : 920866

Submitter : FOSTER WHEELER
Report Date : 5/1/02
Collection Date : 3/20/02
Matrix Type : SOIL
WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 270	270	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 270	270	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 270	270	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 270	270	ug/kg		4/12/02	SW846 8082
Aroclor 1248	1000	200	ug/kg		4/12/02	SW846 8082
Aroclor 1254	940	540	ug/kg		4/12/02	SW846 8082
Aroclor 1260	540	540	ug/kg	J	4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH
Project Number : 1980.0208.0100
Field ID : FW-RM-19-SS
Lab Sample Number : 920866-009
Lab Project Number : 920866

Submitter : FOSTER WHEELER
Report Date : 5/1/02
Collection Date : 3/20/02
Matrix Type : SOIL
WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 5200	5200	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 5200	5200	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 5200	5200	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 5200	5200	ug/kg		4/12/02	SW846 8082
Aroclor 1248	2800	3900	ug/kg	J	4/12/02	SW846 8082
Aroclor 1254	13000	10000	ug/kg		4/12/02	SW846 8082
Aroclor 1260	2100	10000	ug/kg	J	4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH
Project Number : 1980.0208.0100
Field ID : FW-RM-18-SS
Lab Sample Number : 920866-010
Lab Project Number : 920866

Submitter : FOSTER WHEELER
Report Date : 5/1/02
Collection Date : 3/20/02
Matrix Type : SOIL
WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 6500	6500	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 6500	6500	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 6500	6500	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 6500	6500	ug/kg		4/12/02	SW846 8082
Aroclor 1248	2900	4800	ug/kg	J	4/12/02	SW846 8082
Aroclor 1254	2700	13000	ug/kg	J	4/12/02	SW846 8082
Aroclor 1260	< 13000	13000	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-13-SS

Collection Date : 3/20/02

Lab Sample Number : 920866-011

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method:	SW846 3550	Prep Date:	3/28/02	
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 280	280	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 280	280	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 280	280	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 280	280	ug/kg		4/12/02	SW846 8082
Aroclor 1248	1100	210	ug/kg		4/12/02	SW846 8082
Aroclor 1254	1100	560	ug/kg		4/12/02	SW846 8082
Aroclor 1260	590	560	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-RB-02

Collection Date : 3/20/02

Lab Sample Number : 920866-012

Matrix Type : WATER

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method:	SW846 3510	Prep Date:	3/27/02	
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 0.93	0.93	ug/L		4/1/02	SW846 8082
Aroclor 1221	< 0.93	0.93	ug/L		4/1/02	SW846 8082
Aroclor 1232	< 0.93	0.93	ug/L		4/1/02	SW846 8082
Aroclor 1242	< 0.93	0.93	ug/L		4/1/02	SW846 8082
Aroclor 1248	< 0.93	0.93	ug/L		4/1/02	SW846 8082
Aroclor 1254	< 0.93	0.93	ug/L		4/1/02	SW846 8082
Aroclor 1260	< 0.93	0.93	ug/L		4/1/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-07-CS-2.6-5.4

Collection Date : 3/19/02

Lab Sample Number : 920866-015

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method:	SW846 3550	Prep Date:	3/28/02	
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 110	110	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 110	110	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 110	110	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 110	110	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 86	86	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 230	230	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 230	230	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-07-CS-0.5-2.6

Collection Date : 3/19/02

Matrix Type : SOIL

Lab Sample Number : 920866-016

WI DNR LAB ID : 113172950

Lab Project Number : 920866

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 170	170	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 170	170	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 170	170	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 170	170	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 130	130	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 340	340	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 340	340	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-20-CS-0.8-2.4

Collection Date : 3/20/02

Lab Sample Number : 920866-017

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 210	210	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 210	210	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 210	210	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 210	210	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 160	160	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 420	420	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 420	420	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-21-CS-3.6-5.6

Collection Date : 3/21/02

Lab Sample Number : 920866-019

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 250	250	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 250	250	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 250	250	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 250	250	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 190	190	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 510	510	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 510	510	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-01-CS-3.6-5.6

Collection Date : 3/21/02

Lab Sample Number : 920866-020

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST

Prep Method: SW846 3550

Prep Date: 3/28/02

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 360	360	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 360	360	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 360	360	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 360	360	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 270	270	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 710	710	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 710	710	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-21-CS-7.0-9.0

Collection Date : 3/21/02

Lab Sample Number : 920866-021

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST

Prep Method: SW846 3550

Prep Date: 3/28/02

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 190	190	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 190	190	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 190	190	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 190	190	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 140	140	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 390	390	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 390	390	ug/kg		4/12/02	SW846 8082

- Analytical Report -

Project Name : ROXANNA MARSH

Submitter : FOSTER WHEELER

Project Number : 1980.0208.0100

Report Date : 5/1/02

Field ID : FW-RM-01-CS-7.0-9.0

Collection Date : 3/21/02

Lab Sample Number : 920866-022

Matrix Type : SOIL

Lab Project Number : 920866

WI DNR LAB ID : 113172950

Semivolatile Organic Results

PCB LIST		Prep Method: SW846 3550		Prep Date: 3/28/02		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Aroclor 1016	< 200	200	ug/kg		4/12/02	SW846 8082
Aroclor 1221	< 200	200	ug/kg		4/12/02	SW846 8082
Aroclor 1232	< 200	200	ug/kg		4/12/02	SW846 8082
Aroclor 1242	< 200	200	ug/kg		4/12/02	SW846 8082
Aroclor 1248	< 150	150	ug/kg		4/12/02	SW846 8082
Aroclor 1254	< 390	390	ug/kg		4/12/02	SW846 8082
Aroclor 1260	< 390	390	ug/kg		4/12/02	SW846 8082